

Smart strategies and policies for sustainable shopping centres: energy efficient and cost-competitive retrofitting solutions

Energy Day, June 13, 2016
BPIE - Rue de la science 23, Brussels

Moderation: V. Schropfer (Architects Council of Europe)

14h Introduction: retrofitting commercial buildings, a new focus with important results for policy-makers (R. Lollini, EURAC)

14h10 Introduction from the Architects Council of Europe (Veronika Schropfer, ACE CAE)

14h20 Framing policies: Integrating the project results into policy-making improvements – links with the current building-related directives revision (Maarten De Groote, BPIE)

Spotlight on:

- Shopping centres features in EU28 + Norway: definitions, energy use and policy framework
- European shopping centres inefficiencies: switching from a technology and building focus to social aspects in policy-making
- Good practices in the European legislations for commercial buildings
- Policy solutions and recommendations for new and existing commercial buildings

15h Q&A

15h20 Focus on the demonstration cases: lessons-learned and replication potential (R. Lollini, EURAC)

15h30 Focus on Belgium's shopping centres Grand Bazar and Waasland, reference buildings in CommONEnergy (Sustainability Manager DEVIMO)

15h45 Coffee break

16h00 The importance of innovation – technologies improving comfort and reducing energy consumption in shopping centres (R. Lollini, EURAC)

Spotlight on technologies followed with policy recommendations to secure innovation (BPIE, link with the i24c initiative):

- Refrigeration, natural ventilation and ventilative cooling, building automatization
- i-BEMS for smart supervision and management of shopping centres
- Daylighting and advanced artificial lighting approach for energy efficiency
- Using support tools such as integrated design process, continuous commissioning, integrative modelling environment and Lean Construction Management procedures

16h40 Q&A

17h Closing (V. Schropfer, ACE CAE and R. Lollini, EURAC) **and cocktail**

